

CLAIMS

1. A prophylactic/therapeutic agent for neurodegenerative disease or diabetes, comprising a compound or its salt inhibiting the activity of a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, its partial peptide, or a salt thereof.

2. A prophylactic/therapeutic agent for neurodegenerative disease or diabetes, comprising a compound or its salt inhibiting the expression of a gene for a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, its partial peptide, or a salt thereof.

3. An antisense polynucleotide comprising the entire or part of a base sequence complementary or substantially complementary to a base sequence of a polynucleotide encoding a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, or a partial peptide thereof.

4. A pharmaceutical comprising the antisense polynucleotide according to claim 3.

5. The pharmaceutical according to claim 4, which is a prophylactic/therapeutic agent for neurodegenerative disease or diabetes.

6. An antibody to a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, its partial peptide, or a salt thereof.

7. A pharmaceutical comprising the antibody according to claim 6.

8. The pharmaceutical according to claim 7, which is a prophylactic/therapeutic agent for neurodegenerative disease or diabetes.

9. A diagnostic agent comprising the antibody according to claim 6.

10. The diagnostic agent according to claim 9, which is a diagnostic agent for neurodegenerative disease or diabetes.

11. A diagnostic agent for neurodegenerative disease or diabetes, comprising a polynucleotide encoding a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, or its partial peptide.

12. A method of screening a compound or its salt inhibiting the activity of a protein comprising the same or substantially the same amino acid sequence as the

amino acid sequence represented by SEQ ID NO: 1, its partial peptide, or a salt thereof, which comprises using the protein, its partial peptide or a salt thereof.

13. A kit for screening a compound or its salt inhibiting the activity of a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, its partial peptide, or a salt thereof, comprising the protein, its partial peptide or a salt thereof.

14. A compound or its salt which is obtainable using the screening method according to claim 12 or the screening kit according to claim 13.

15. A method of screening a compound or its salt inhibiting the expression of a gene for a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, which comprises using a polynucleotide encoding the protein or its partial peptide.

16. A kit for screening a compound or its salt inhibiting the expression of a gene for a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, comprising a polynucleotide encoding the protein or its partial peptide.

17. A compound or its salt, which is obtainable using the screening method according to claim 15 or the screening kit according to claim 16.

18. A pharmaceutical comprising the compound or its salt according to claim 14 or 17.

19. The pharmaceutical according to claim 18, which is a prophylactic/therapeutic agent for neurodegenerative disease or diabetes.

20. A method of preventing/treating neurodegenerative disease or diabetes, which comprises administering an effective dose of the compound or its salt according to claim 14 or 17 to a mammal.

21. A method of preventing/treating neurodegenerative disease or diabetes, which comprises inhibiting the activity of a protein comprising the same or substantially the same amino acid sequence as represented by SEQ ID NO: 1, or its partial peptide, or inhibiting the expression of a gene for the protein.

22. Use of the compound or its salt according to claim 14 or 17 to manufacture a prophylactic/therapeutic agent for neurodegenerative disease or diabetes.

23. A prophylactic/therapeutic agent for a cancer or rheumatic disease, comprising a compound or its salt promoting the activity of a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence

represented by SEQ ID NO: 1, its partial peptide, or a salt thereof.

24. A prophylactic/therapeutic agent for a cancer or rheumatic disease, comprising a compound or its salt promoting the expression of a gene for a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, its partial peptide, or a salt thereof.

25. A pharmaceutical comprising a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, its partial peptide, or a salt thereof.

26. The pharmaceutical according to claim 25, which is a prophylactic/therapeutic agent for a cancer or rheumatic disease.

27. A pharmaceutical comprising a polynucleotide encoding a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, or its partial peptide.

28. The pharmaceutical according to claim 27, which is a prophylactic/therapeutic agent for a cancer or rheumatic disease.

29. A diagnostic agent for cancer or rheumatic disease, comprising a polynucleotide encoding a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, or its partial peptide.

30. A method of screening a compound or its salt promoting the activity of a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, its partial peptide, or a salt thereof, which comprises using the protein, its partial peptide, or a salt thereof.

31. A kit for screening a compound or its salt promoting the activity of a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, its partial peptide, or a salt thereof, comprising the protein, its partial peptide, or a salt thereof.

32. A compound or its salt, which is obtainable using the screening method according to claim 30 or the screening kit according to claim 31.

33. A method of screening a compound or its salt promoting the expression of a gene for a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1, which comprises using a polynucleotide encoding the protein or its partial peptide.

34. A kit for screening a compound or its salt promoting the expression of a gene for a protein comprising the same or substantially the same amino acid

sequence as the amino acid sequence represented by SEQ ID NO: 1, comprising a polynucleotide encoding the protein or its partial peptide.

35. A compound or its salt, which is obtainable using the screening method according to claim 33 or the screening kit according to claim 34.

36. A pharmaceutical comprising the compound or its salt according to claim 32 or 35.

37. The pharmaceutical according to claim 36, which is a prophylactic/therapeutic agent for a cancer or rheumatic disease.

38. A method of preventing/treating a cancer or rheumatic disease, which comprises administering an effective dose of the compound or its salt according to claim 32 or 35 to a mammal.

39. A method of preventing/treating a cancer or rheumatic disease, which comprises promoting the activity of a protein comprising the same or substantially the same amino acid sequence as the amino acid sequence represented by SEQ ID NO: 1 or its partial peptide, or promoting the expression of a gene for the protein.

40. Use of the compound or its salt according to claim 32 or 35 to manufacture a prophylactic/therapeutic agent for a cancer or rheumatic disease.